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IN THE UNITED STATES  
PATENT AND TRADEMARK OFFICE

## Patent Application

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Case: 7-3-15

Serial No.: 09/989,052

Filing Date: November 20, 2001

Examiner: Not Yet Assigned      Group Art Unit: Not Yet Assigned

Title: Detection Method For Phase-Modulated Symbols With A Correlator-Bank

ASSISTANT COMMISSIONER FOR PATENTS  
WASHINGTON, D. C. 20231

Sir:

**PRELIMINARY AMENDMENT**

Prior to examining the above-identified application, please amend the application as follows by replacing certain of the claims as shown below. The computer red-lined version of the changes made to these claims are attached for your review.

**IN THE CLAIMS:**

Replace claims 1 through 20 as follows:

**Replacement claim 1**

- 1 1. A method for the detection of a symbol from a received signal wherein the
- 2 symbol is a selected symbol out of a predetermined set of symbols, wherein each
- 3 symbol of the predetermined set is a symbol comprising a sequence of chips
- 4 wherein each of the chips is PSK-modulated according to a selected modulation
- 5 code wherein each of the selected modulation codes comprises a first sub-
- 6 modulation code which is a selection from a plurality of first sets of predetermined
- 7 phase modulating elements and a second sub-modulation code which is a selection
- 8 from one second set of predetermined phase modulating elements wherein at least

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APR 08 2003

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